		LASSIFICATION	SHEET 1 OF	
			USED ON	
TITLE	•		· ·	-1540
	ICE TEST DOCCEDURE	PODUIOUT TABLE ANT.	DATE	
ACCEPTAI	ACE JEST PROCEDURE I	FOR LIGHT TABLE MLT-	REVISION	ctober 1970
	·		REVISION (See last sheet for record)	
,				
		•		
	·			· ·
			•	
		•		•
•	,			
	SERIAL NUM	BER PREPROPRIE	A San Car	
	JENNE POW	- TREPROS , TO THE		
	···		· · · · · · · · · · · · · · · · · · ·	
	TEST BY -			;
		·		
	DATE 12	November 19:15		
		·	-	<i>-</i>
	TIME 1433	5-2095	•	
	111111111111111111111111111111111111111	5 × ()e1-3	<u>.</u>	
•		,		
Declass	review by NGA/DoD			
	·			
	•			
-				
	This item has	successfully performed to	all of the requirements	
	as itemized a	and checked in the body o	f this procedure.	
	.•	Date	Signature	
				••

STAT		Aı	pproved For Release 200	5/06/23 : CIA-RDP78B0517	10004 00830/0614 -50.	I-G o.	
			<u>-</u>	CLASSIFICATION	SHEET NO. 2		
F					John Z	•	
	1.0	PURPO	OSE				
				e Test Procedure is to veri s its functional and perfor		• •	
	2.0	EQUI	PMENT REQUIRED	•			
STAT		2.1	MLT-1540 complete pe	er Drawing No.	•	v v	
		2.2	Test film as follows:		,		
		·	9.5 inch wide, 4 mil l	base, 1,000 foot roll			
			6.6 inch film, 1,000	foot, 2 rolls 🗡			
		·	5 inch film, 1,000 foc	ot, 2 rolls		•••	
·			70mm film, 1,000 foot	t, 2 rolls			
		2.3	Empty take-up spools (This should be comme as listed above.)	nsurate with the number o	f films required		
	٠,	2.4	Vibration target		·		
		2.5	Stop watch				
		2.6	GFE foot lambert mete	er (Weston Model 759) 🗸			
	3.0	ACCE	PTANCE TEST				
				f each of the following ite s in the space provided.	ems shall be noted by		
		3.1	Mechanical and visual	inspection			
STAT			parts such as covers, I assure proper fit and o	atches and gear mechanism peration without sticking or or materials and finishes, r	ne Drawing. Moving ns shall be checked to or binding. Quality	59861 710,	
				,		-	
STAIT				•		·	

Approved For Release 2005/06/23 : CIA-RDP78B05171A000400030004-6

Note tracking characteristics.

Approved For Release 2005/06/23: CIA-RDP78B05171A000400030004-6

STA[®]

				SHEET NO.	. 4 .
	c	-	stationary roll when other mo	_	
GIB					. •
				-	ge.
			film (1,000 ft) on table, spli and emulsion down.	t vertical	
	a) Operate to insu	ure split vertical capability.	-	
•	3.14 A	Mount 1,000 ft roll	9 1/2" film, emulsion up.	7 701 1000	2 mm
·	· a) Note time to co	ompletely rewind. ($\leq 3 m$	111.) Zminoc.	15 med
	Ь) Operate take-u capability. (up mechanism. Note max ≥ 76 inches)	-/-	77.75
	c	Scan slowly wire problems.	th loop take up. Note track	ing -	OK
	~ d		rapidly from full speed (no lo s or excessive tension)	op). -	V.
*	3.15 C	Operate tilt mechar	nism.		
,	a) Note that full	tilt provides 15°+1° slope.	-	
	b) Note that horiz	zontal table is level ±1°.	-	
		Operate carriage moveight of optics on	otion system with table horiz carriage.	ontal, and	/
	S	et friction locks.			
	а) Note force req (≥ 10 lbs)	uired to move carriage with	locks set.	
	R	elease friction loc	ks.		
	b) Check operatio	on of adjustable stops, "x" di	rection.	

					CLASSIFICATION	-		<i></i>
	.,		- 7		<u> </u>		SHEET NO.	5
	٠	Co	vol c)	Check that "Y'	motion cover ful	l depth of the fo		
			_d)	Note max spee	d, x direction. ((≥ .5 in/sec)	10/22.8	0.439
•	•		e)		d, x direction. (_	10.4	0.00183
			f)	·	d, y direction (i)		19.4	
		·	g)	Note min speed	d, y direction. (/	FULL STOP)	5.8	- 3° 1432
			•					
•			i)		uired to move car nd y direction. (X max
		3.17		erate carriage m ght of optics on	otion system with carriage.	table tilted, and	12.9°	416 i/g-2
			a)	Note max spee	d, x direction.	$(\geq .5 \text{ in/sec})$	22.9	,
	S.		b)	•	d, x direction. (•	10.3	Com down
			c)	Note max speed	d, y direction. (\geq .5 in/sec) $^{\prime}$	_ 25 12 165 =	
		· ·	d)	Note min speed	d, y direction. (FULL STOP)	12,0	7 ILLE
			f)	Check operation movement.	on of "fail-safe" sy	vstem for Y-direc	ction -	
		3.18		unt dial indicat ched.	or on optics holde	r with weight of	optics	·
			a)		ss of operation fro ope is raised and lo			22.4
٠.		3.19		ck parallelism o indicator.	of optics carriage t	o format surface	with	
			a)	Note maximum	deviation. (With	in .015 inches)		
								ILLE

, , ,	provou r or release	2007/00/20 : 01/(1/15) 7/05/0	SOCOMENT NO.
		- CLASSIFICATION	SHEET NO. 6
3.20	Check collimation be done with weight carriage.	n of pod to both format surfa ght of Zoom 240R with 28 Rh	ces. This must nomboids on
	a) Note collima	ation deviation, if any. (10	minutes max x & y)
3.21	Check illumination	on on left format surface.	
		Check that 30 minutes ve elapsed since 3.4 a).	
	b) Note max i1(≥ 3,000 from the content of the c	lumination at format center. lamberts) Max	3/25 V
	Set right format	o minimum.	
•	c) Note deviat	ion from previous max. (100 ft Lambers / 25
	Return right form	at to maximum.	
	Set illumination	at left center to 3,000 fl.	
		um illumination over entire	2100 V
			zoo /
	Set illumination	at minimum.	
	(≤ 200 F	ng at format center. H LAMBERTS) MIN ation at minimum.	125) ILLUMINATION
		tion from previous (≤ 100 ft Lamberts) Dev	O /
	Return illuminat	ion, both sides, to max.	

Aj	oproved For Release	2005/06/23 : CIA-RDF	78B051710004	09030004-60.	
		CLASSIFICATION		SHEET NO.	7
,		<u> </u>	· · · · · · · · · · · · · · · · · · ·		
3.22	Check illumination	on right format surfa	ace.	· · .	
	a) Note time. Clasince 3.4 a).	heck that 30 minutes	s minimum have e	elapsed	
	b) Note maximum (≥3,000 ft la	illumination at form	nat center. 3030 Max illumination	on ·	<u> </u>
	Set left format to m	inimum.			
	c) Note deviation maximum. (≤	from previous 100 ft lamberts)	150 Deviation		
	Return left to max.				
	Set illumination at	center of format to	3,000 fl.		•
	d) Note minimum	illumination over en	ntire surface. 2200 Entire surface		
	e) Note minimum area.	illumination in rest	icted 2400 Restricted area		
	Set illumination at	minimum.			•
	f) Note reading of (≤ 200 FT LA	nt format center.	MIN ILLUMINAT	·\	
	Set left illumination	n at minimum.		10 10	
, -	g) Note deviation minimum. (≤	from previous 100 ft lamberts)	Deviation		<u> </u>
3.23	a) Note differenc (≤100 ft lam	e between 3.21 b) o berts)	and 3.22 b).		25
3.24	Observe light sourc	es for evidence of fl	icker.	•	
•	a) Set both at ma	x. Report flicker, i	fany.		
	b) Set both at mir	nimum. Report flick	er, if any.		
3.25 A	Operate film maski extinguish in prope oproved For Release	ng system. Insure the r order 2005/06/23 : CIA-RDF		00030004- 6	

STAT